

Fig. 1

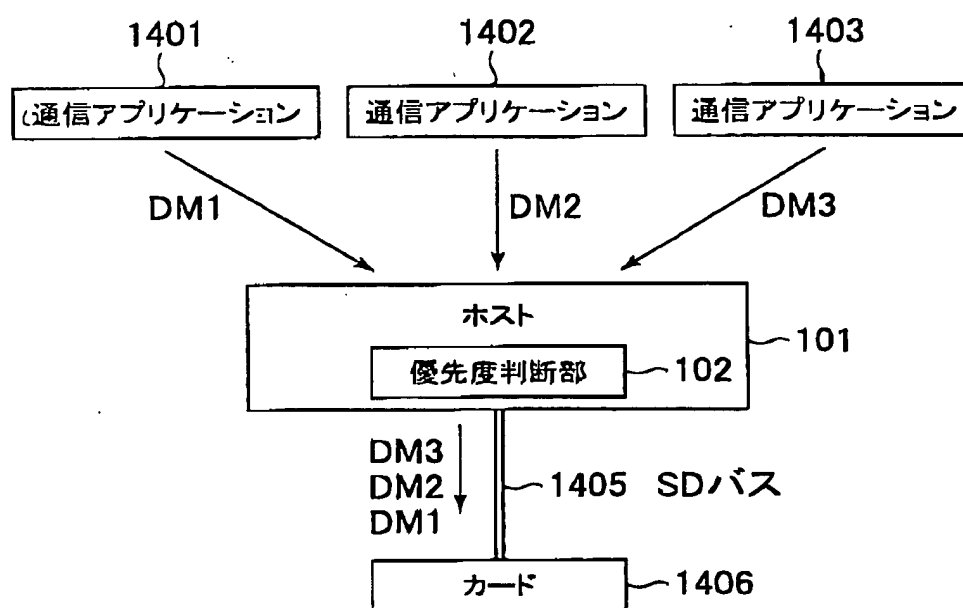


FIG. 1

1401: COMMUNICATION APPLICATION

1402: COMMUNICATION APPLICATION

1403: COMMUNICATION APPLICATION

101: HOST

102: PRIORITY JUDGING PORTION

1405: SD BUS

1406: CARD

Fig. 2

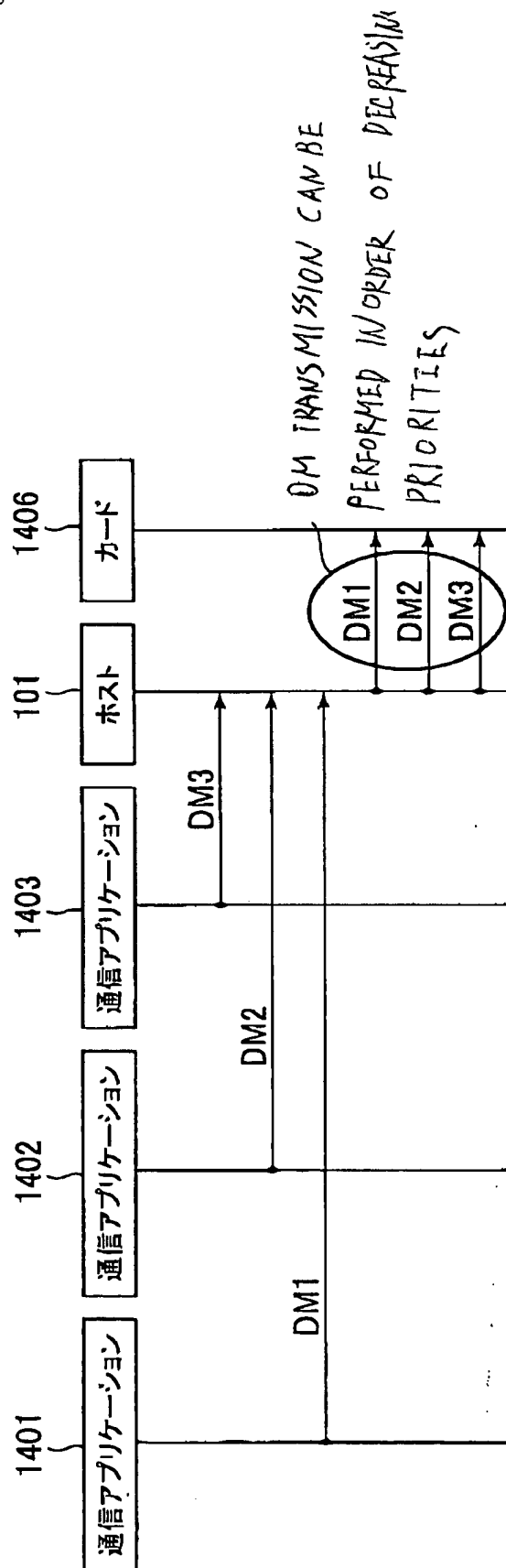


FIG. 2

1401: COMMUNICATION APPLICATION

1402: COMMUNICATION APPLICATION

1403: COMMUNICATION APPLICATION

101: HOST

1406: CARD

Fig. 3

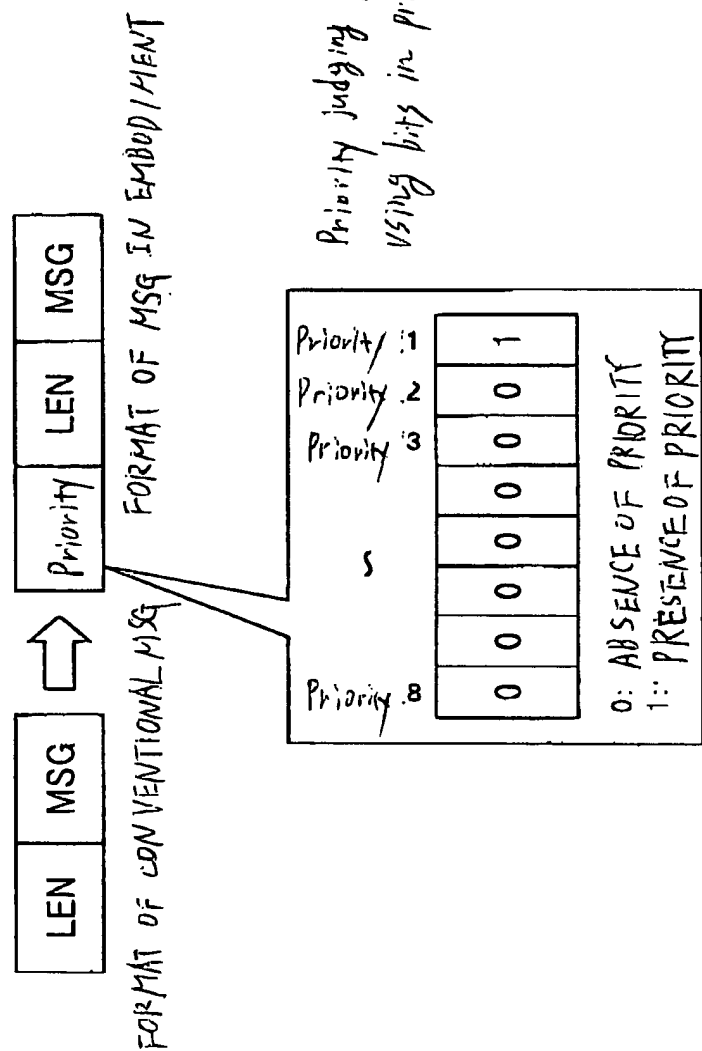


Fig. 4

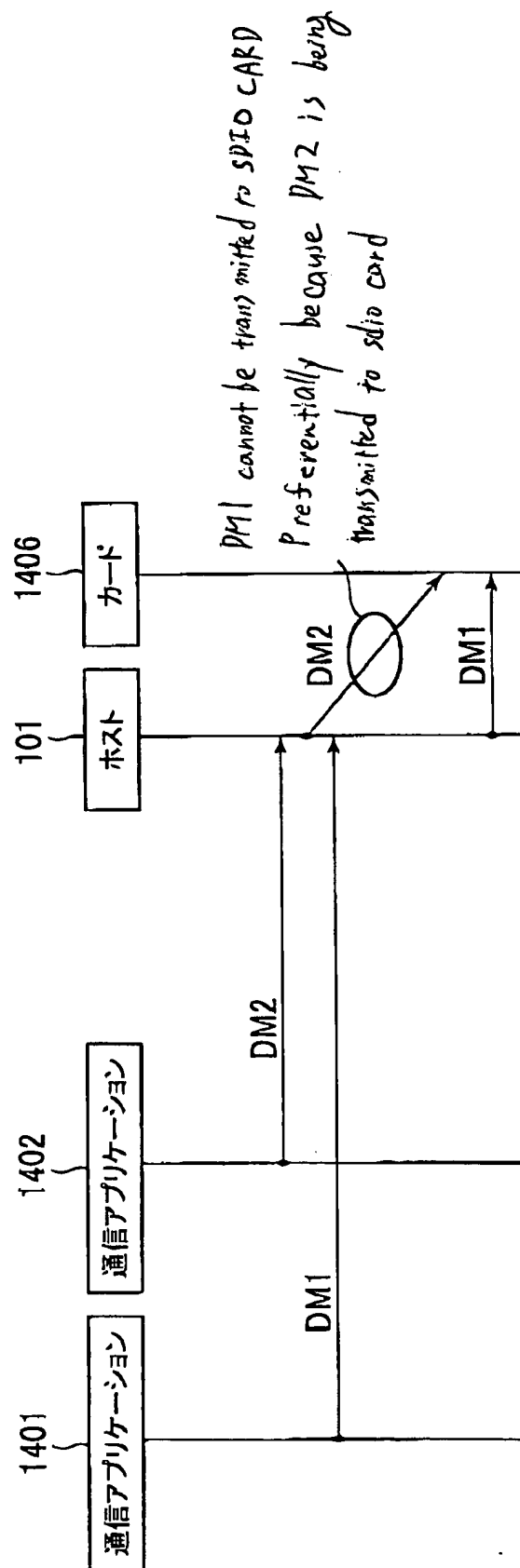


FIG. 4

1401: COMMUNICATION APPLICATION

1402: COMMUNICATION APPLICATION

101: HOST

1406: CARD

Fig. 5

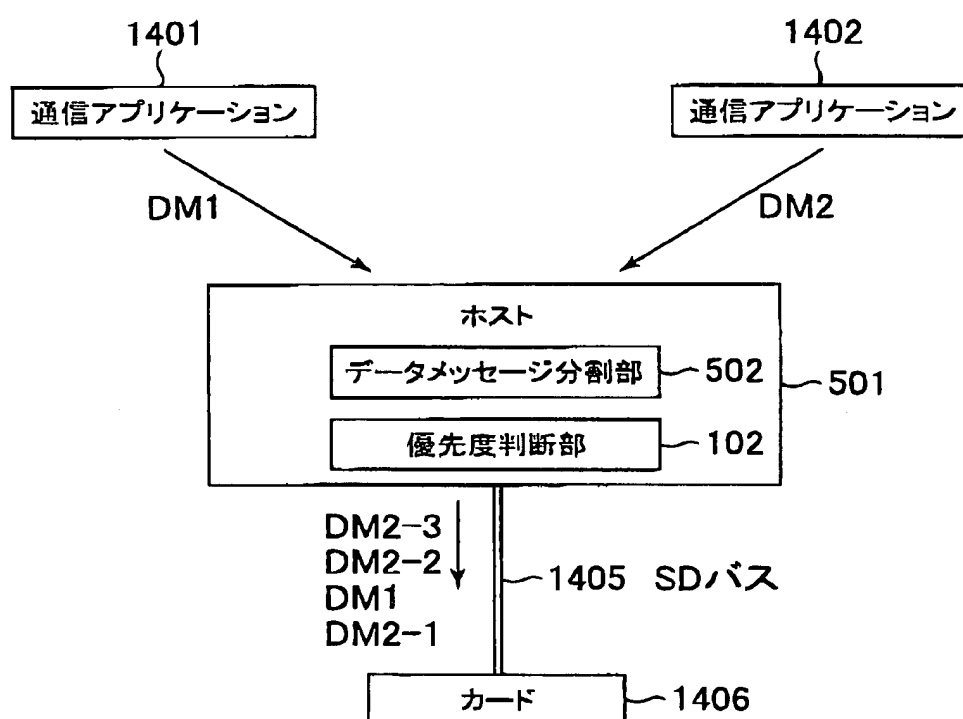


FIG. 5

1401: COMMUNICATION APPLICATION

1402: COMMUNICATION APPLICATION

501: HOST

502: DATA MESSAGE DIVIDING PORTION

102: PRIORITY JUDGING PORTION

1405: SD BUS

1406: CARD

Fig. 6

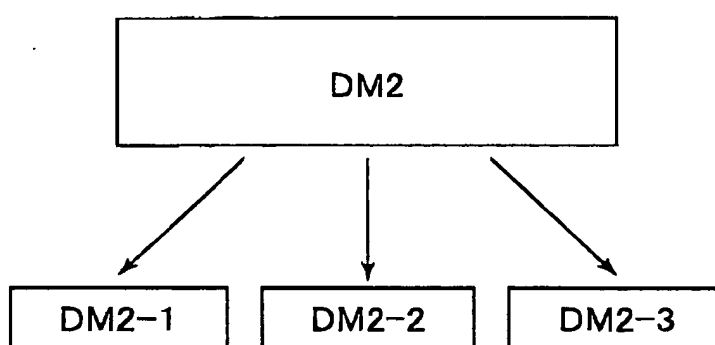


Fig. 7

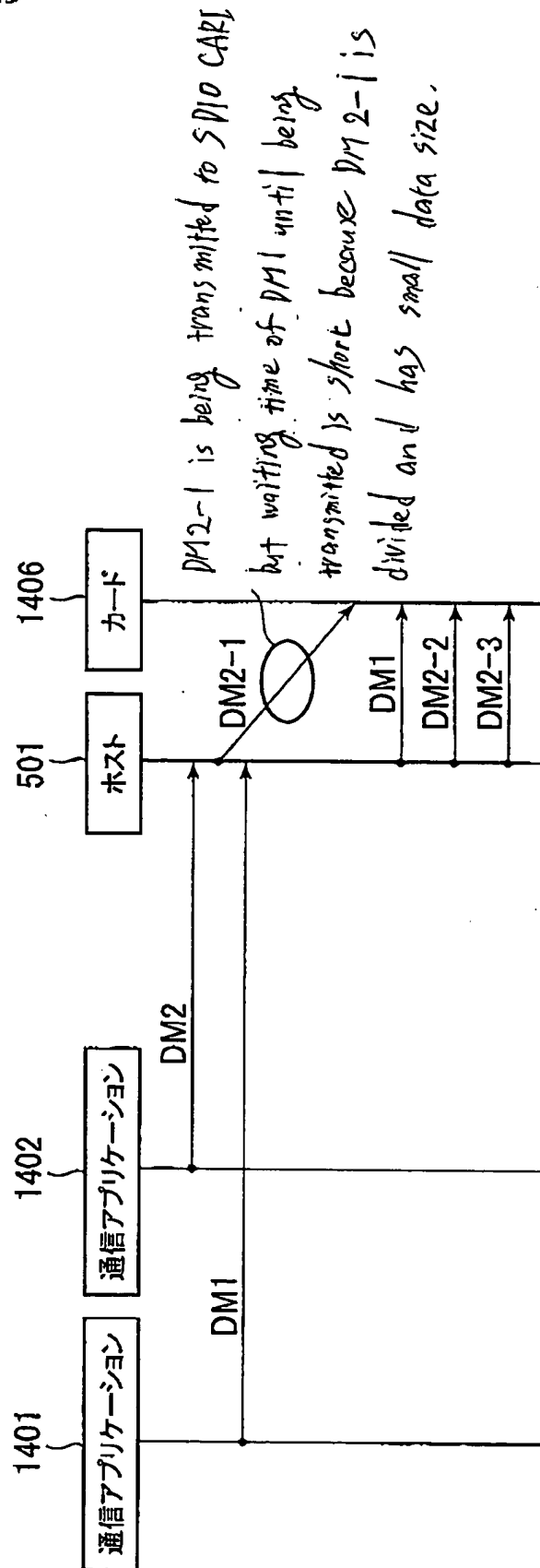


FIG. 7

1401: COMMUNICATION APPLICATION

1402: COMMUNICATION APPLICATION

501: HOST

1406: CARD

Fig. 8

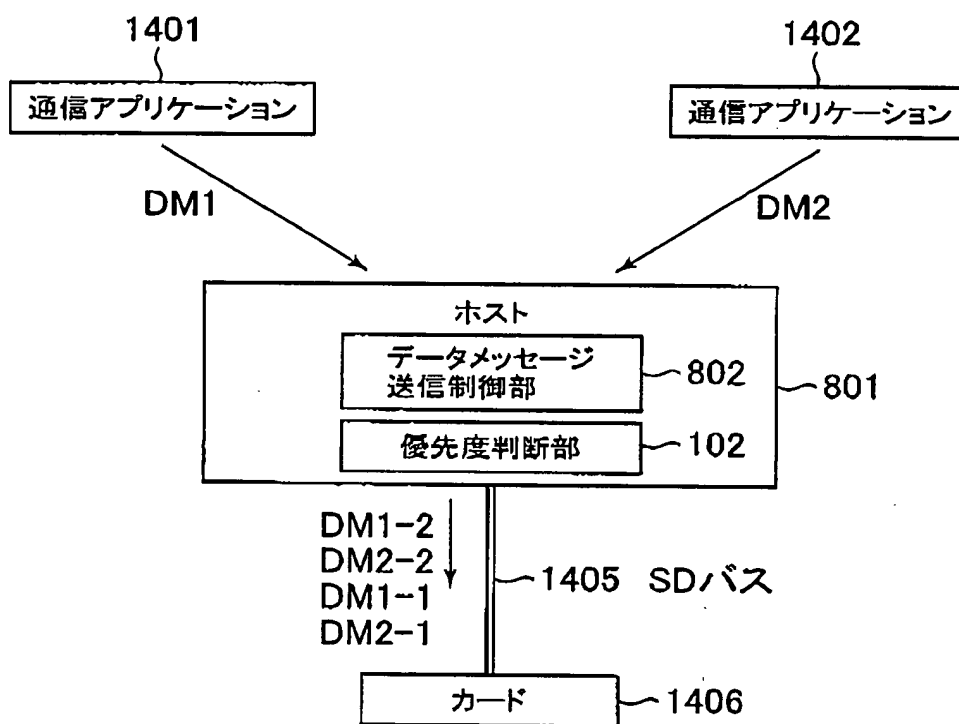


FIG. 8

1401: COMMUNICATION APPLICATION

1402: COMMUNICATION APPLICATION

801: HOST

802: DATA MESSAGE TRANSMISSION CONTROL PORTION

102: PRIORITY JUDGING PORTION

1405: SD BUS

1406: CARD



Fig. 9

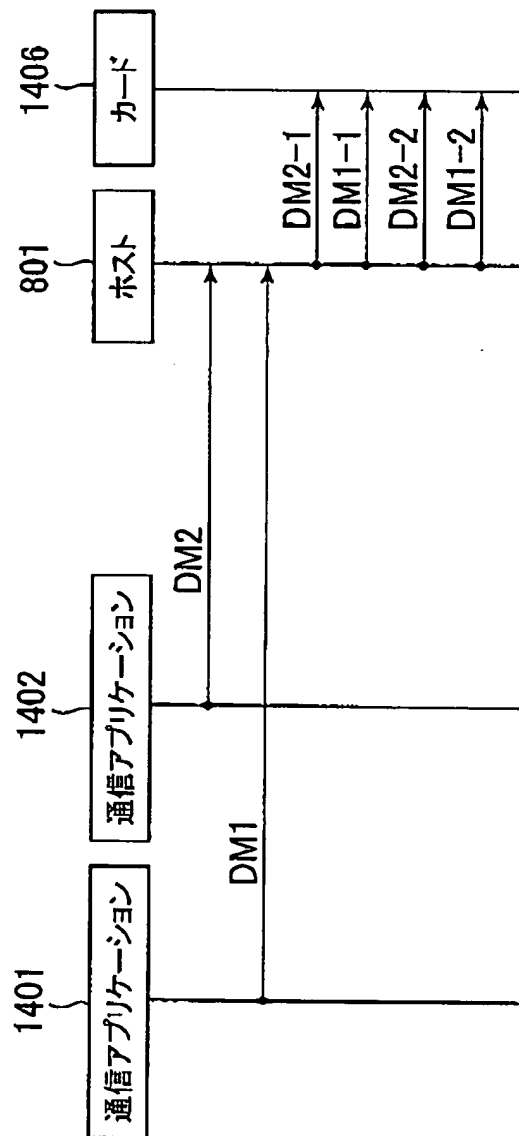


FIG. 9

1401: COMMUNICATION APPLICATION

1402: COMMUNICATION APPLICATION

801: HOST

1406: CARD

Fig. 10

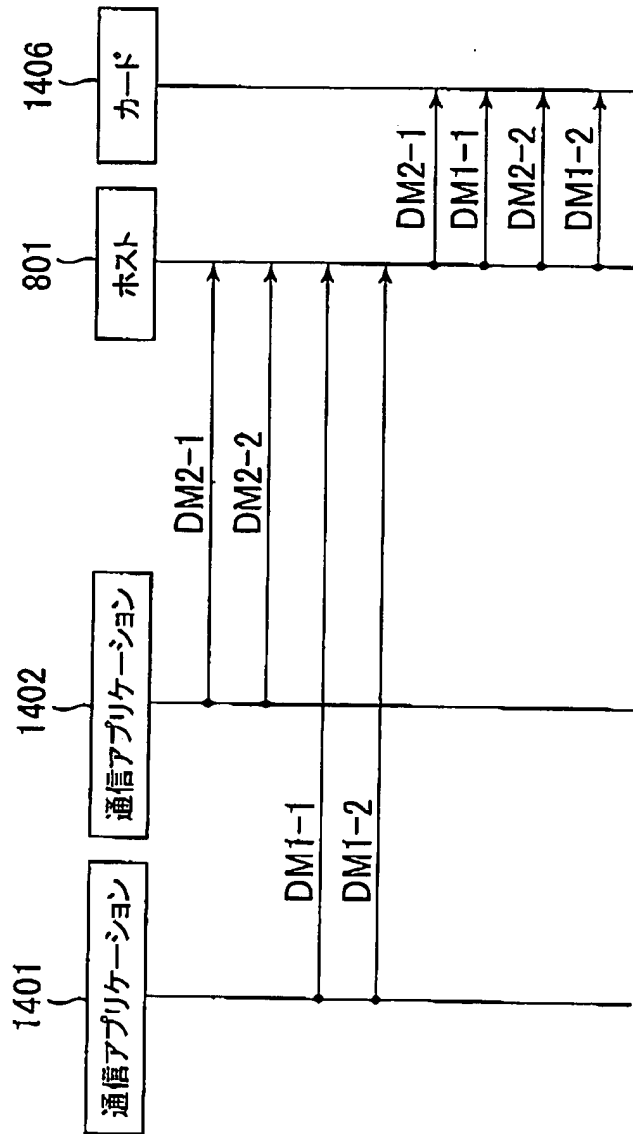


FIG. 10

1401: COMMUNICATION APPLICATION

1402: COMMUNICATION APPLICATION

801: HOST

1406: CARD

Fig. 11

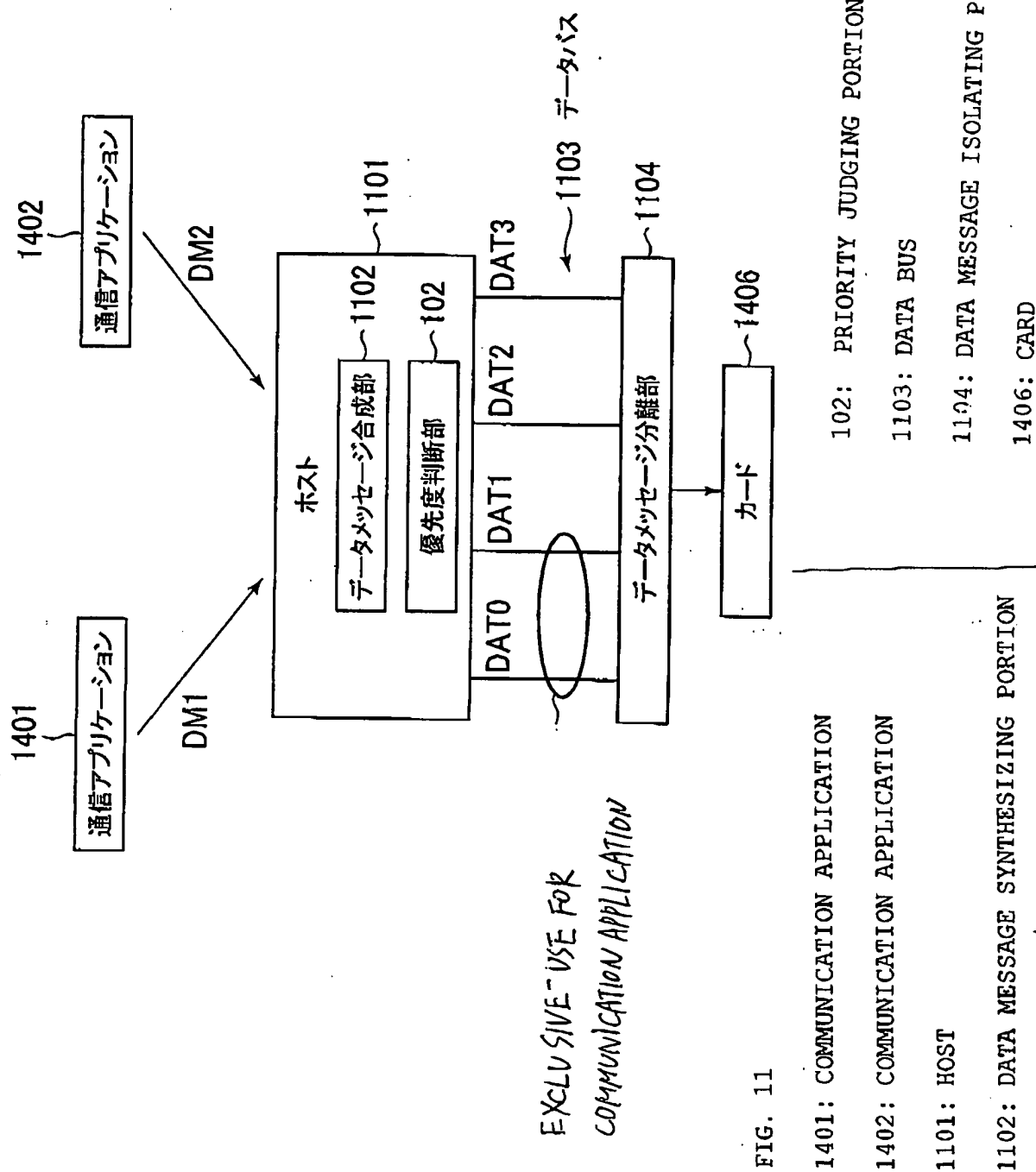
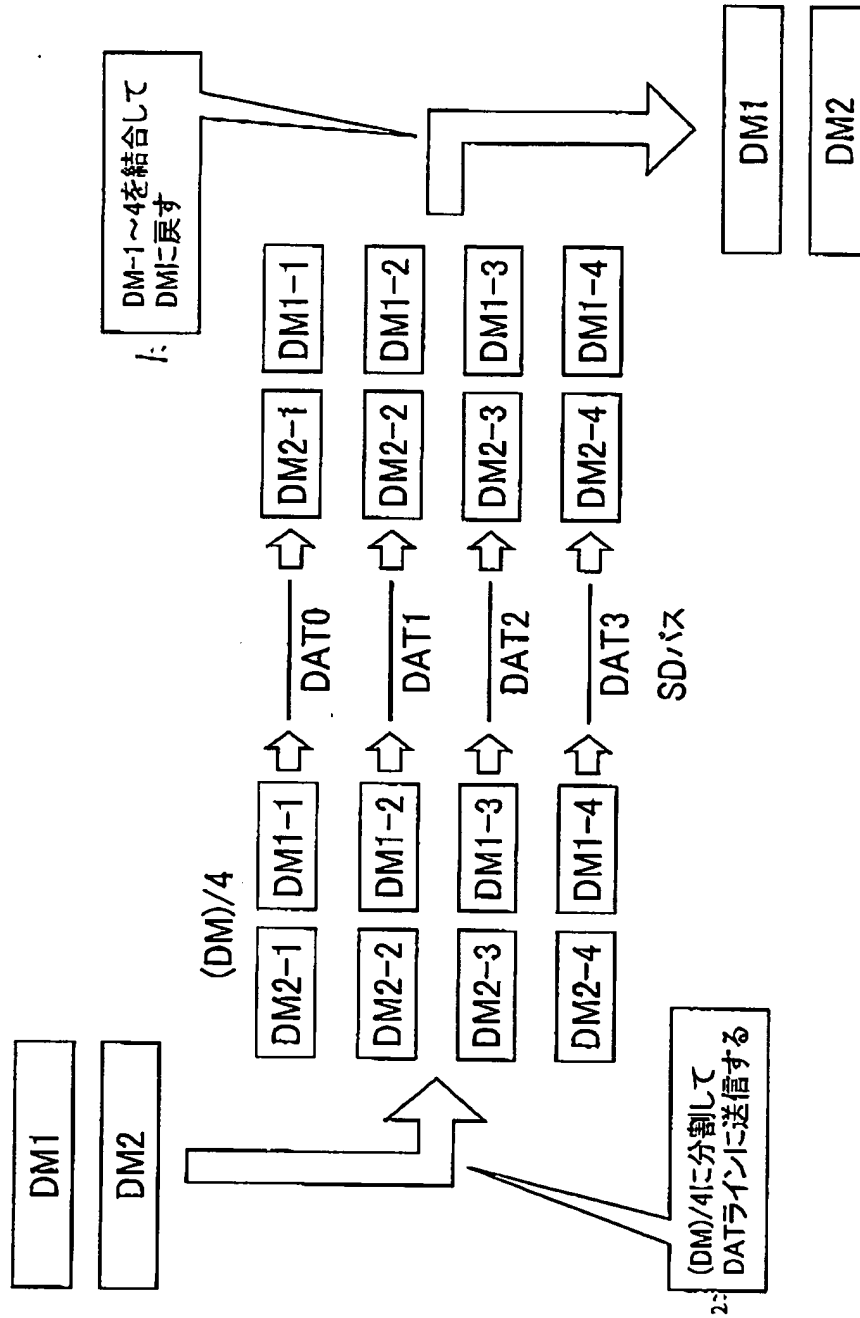


Fig. 12

1: COMBINE DM2-1 - DM2-4 AND DM1-1 - DM1-4 TO BE RESTORED

TO DM



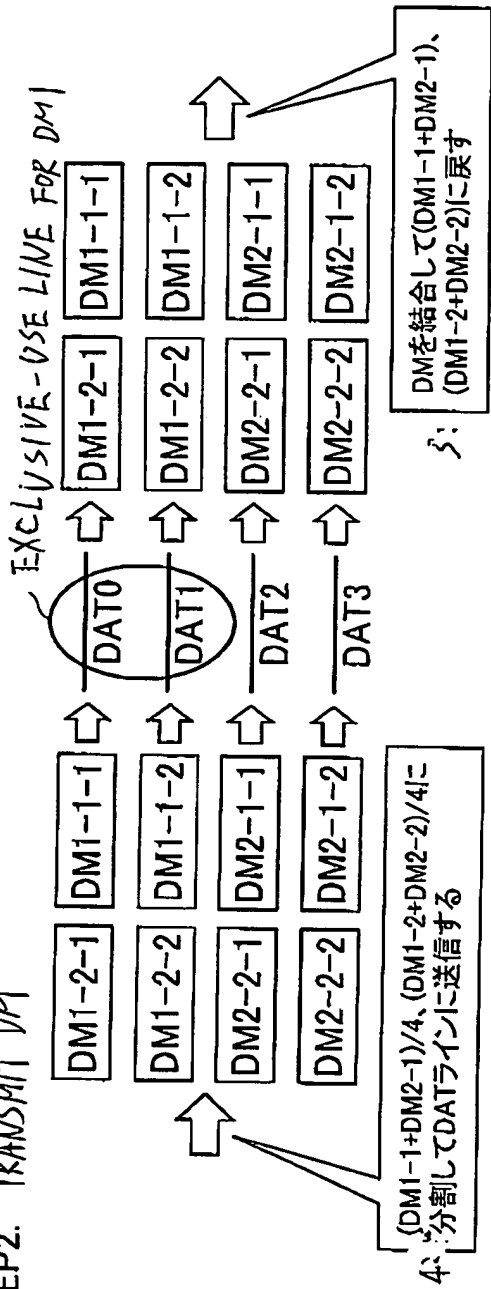
2: DIVIDE TO (DM)/4 AND TRANSMIT TO DAT LINES

- 4: DIVIDE  $(DM1-1 + DM2-1) / 4$ ,  $(DM1-2 + DM2-2) / 4$  AND TRANSMIT TO DAT LINES
- 5: COMBINE DM TO BE RESTORED TO  $(DM1-1 + DM2-1)$ ,  $(DM1-2 + DM2-2)$

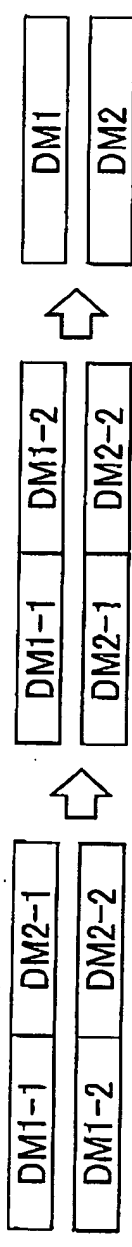
STEP1. SYNTHESIZE DM

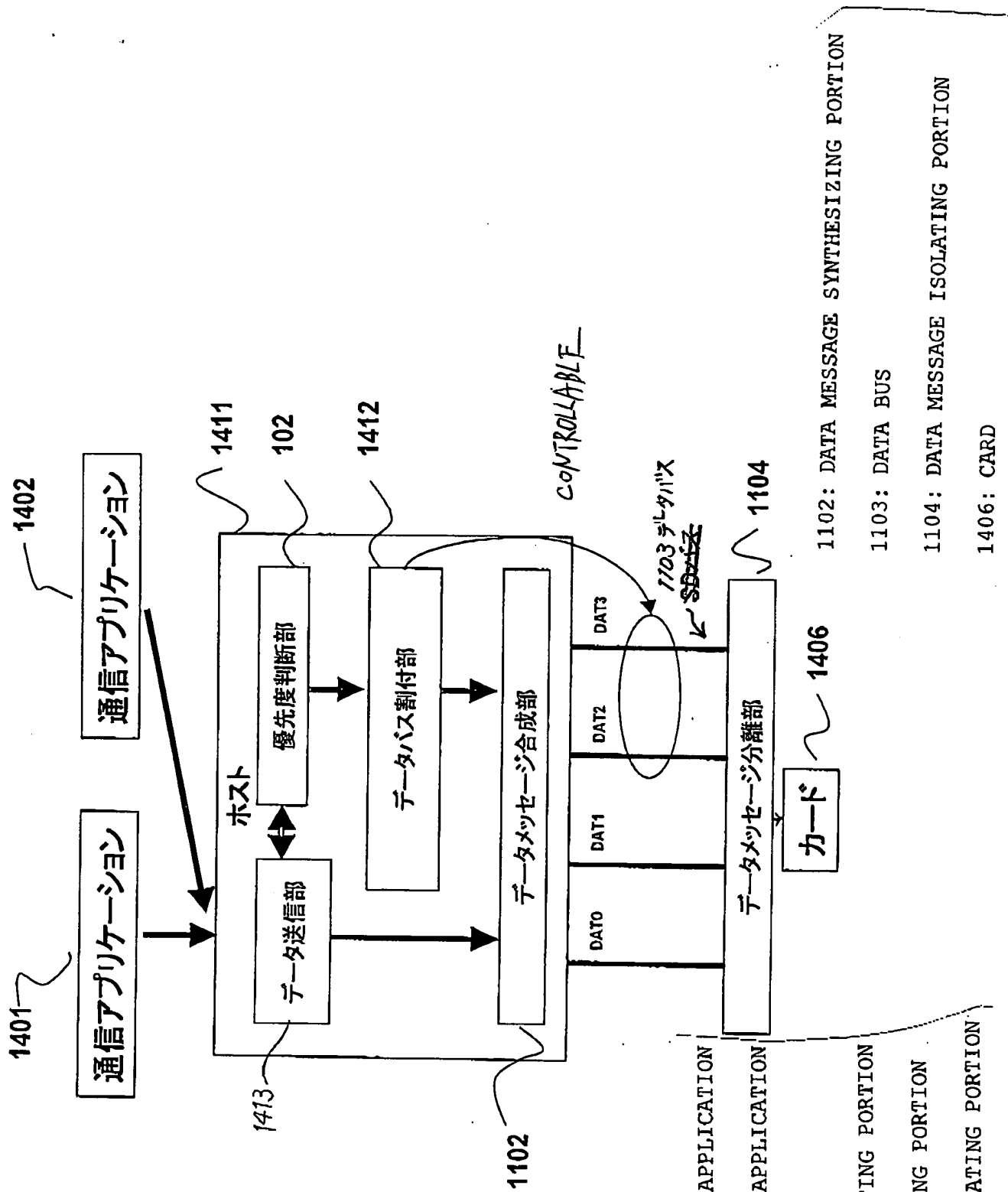


STEP2. TRANSMIT DM



STEP3. ISOLATE DM





**FIG. 14**

## 1401: COMMUNICATION APPLICATION

## 1402: COMMUNICATION APPLICATION

1411: HOST

1413: DATA TRANSMITTING PORTION

102: PRIORITY JUDGING PORTION

1412: DATA BUS ALLOCATING PORTION

1102: DATA MESSAGE SYNTHESIZING PORTION

1103: DATA BUS

1104: DATA MESSAGE ISOLATING PORTION

1406: CARD

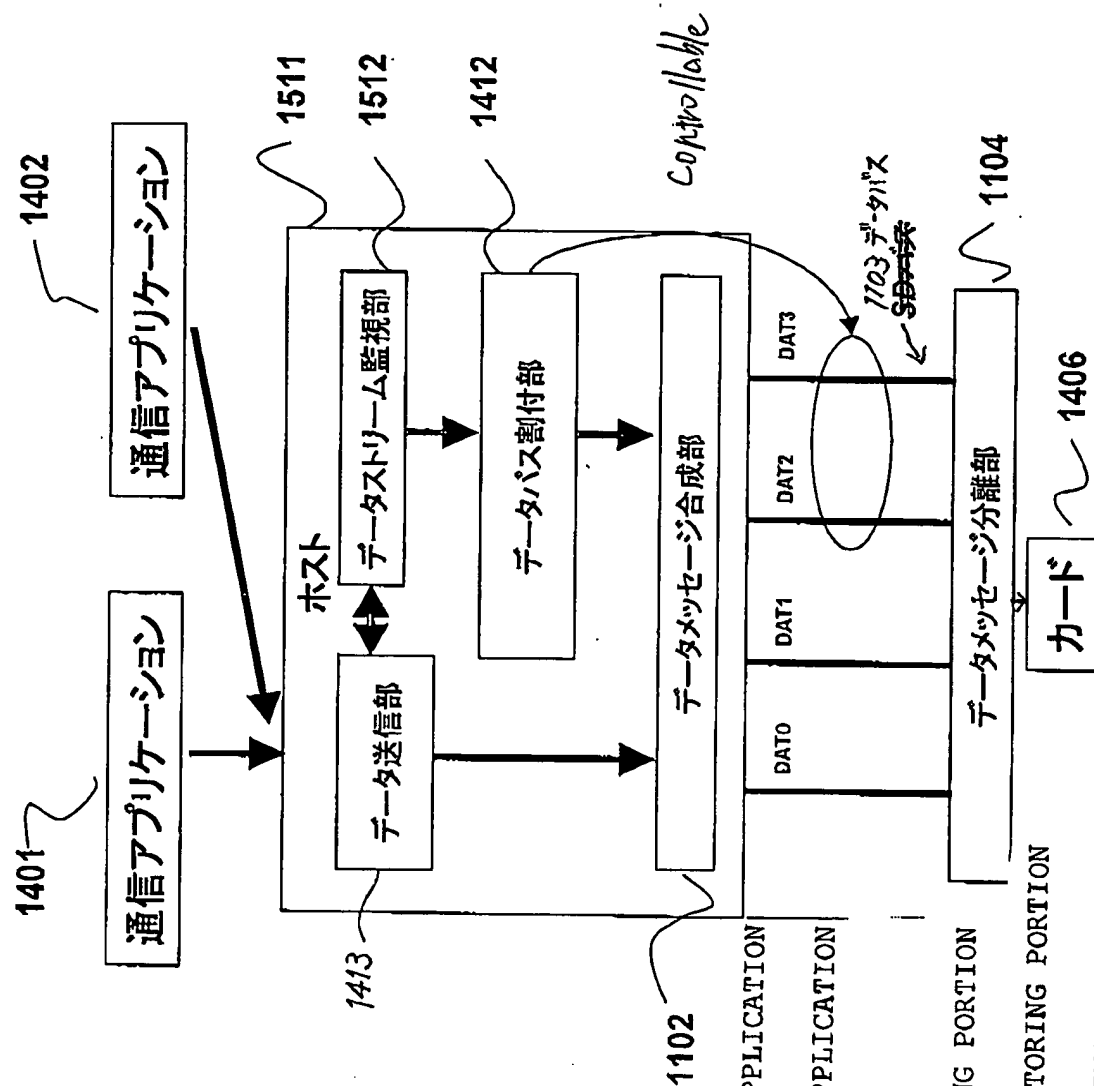


FIG. 15

1401: COMMUNICATION APPLICATION

1402: COMMUNICATION APPLICATION

1511: HOST

1413: DATA TRANSMITTING PORTION

1512: DATA STREAM MONITORING PORTION

1412: DATA BUS ALLOCATING PORTION

1102: DATA MESSAGE SYNTHESIZING PORTION

1103: DATA BUS

1104: DATA MESSAGE ISOLATING PORTION

1406: CARD

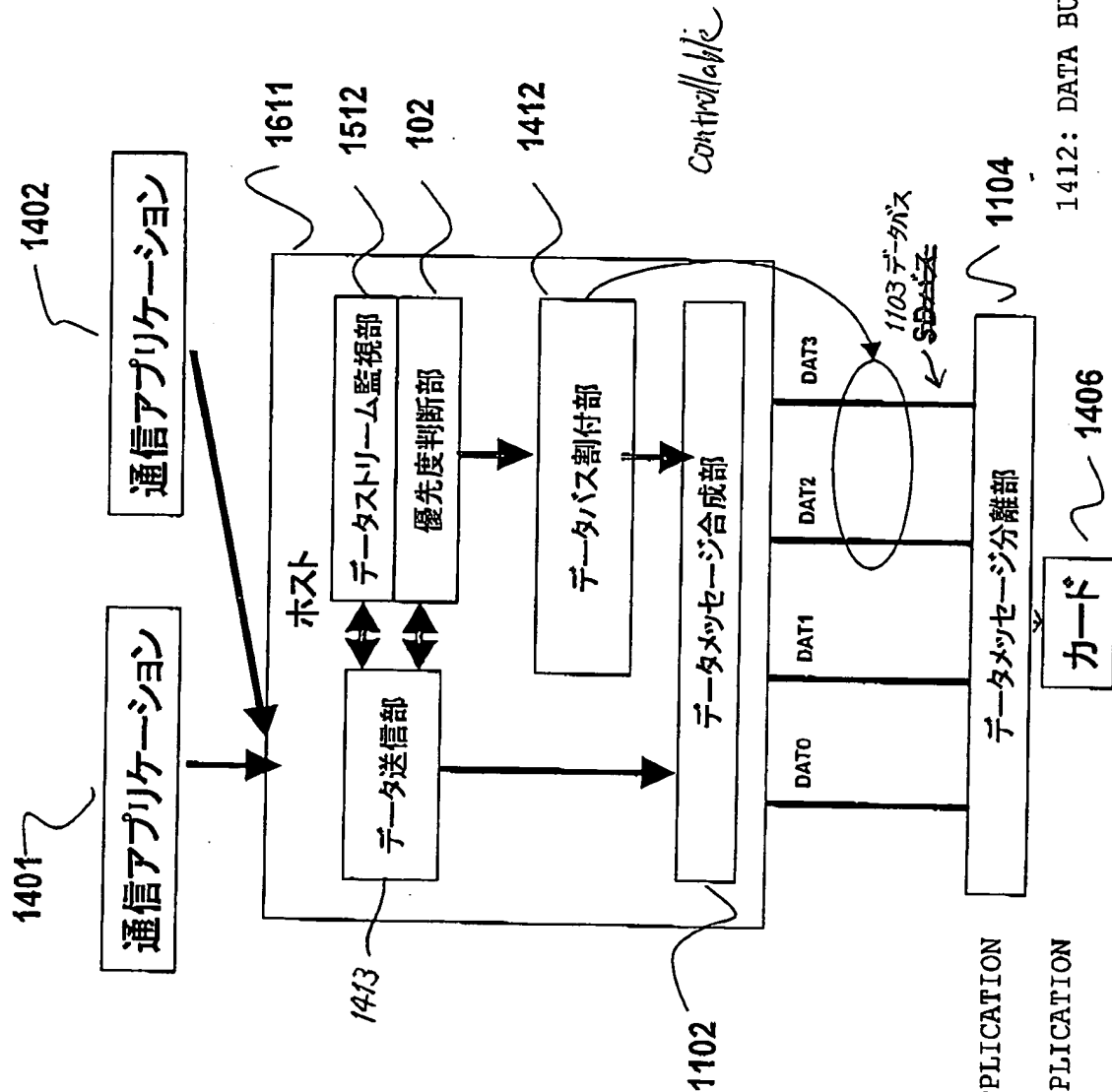


FIG. 16

1401: COMMUNICATION APPLICATION

1402: COMMUNICATION APPLICATION

1611: HOST

1413: DATA TRANSMITTING PORTION

1512: DATA STREAM MONITORING PORTION

102: PRIORITY JUDGING PORTION

1412: DATA BUS ALLOCATING PORTION

1102: DATA MESSAGE SYNTHESIZING PORTION

1103: DATA BUS

1104: DATA MESSAGE ISOLATING PORTION

1406: CARD



Fig. 17

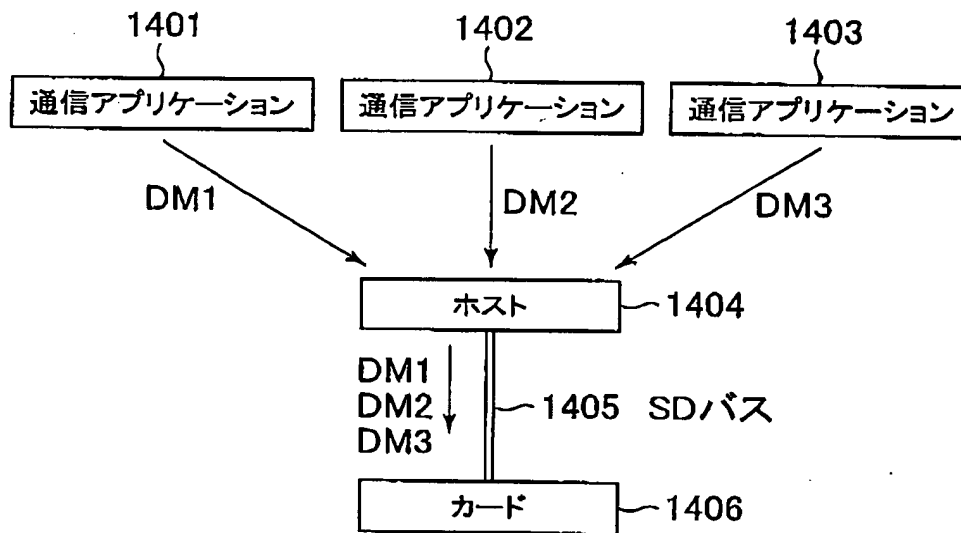


FIG. 17

1401: COMMUNICATION APPLICATION

1402: COMMUNICATION APPLICATION

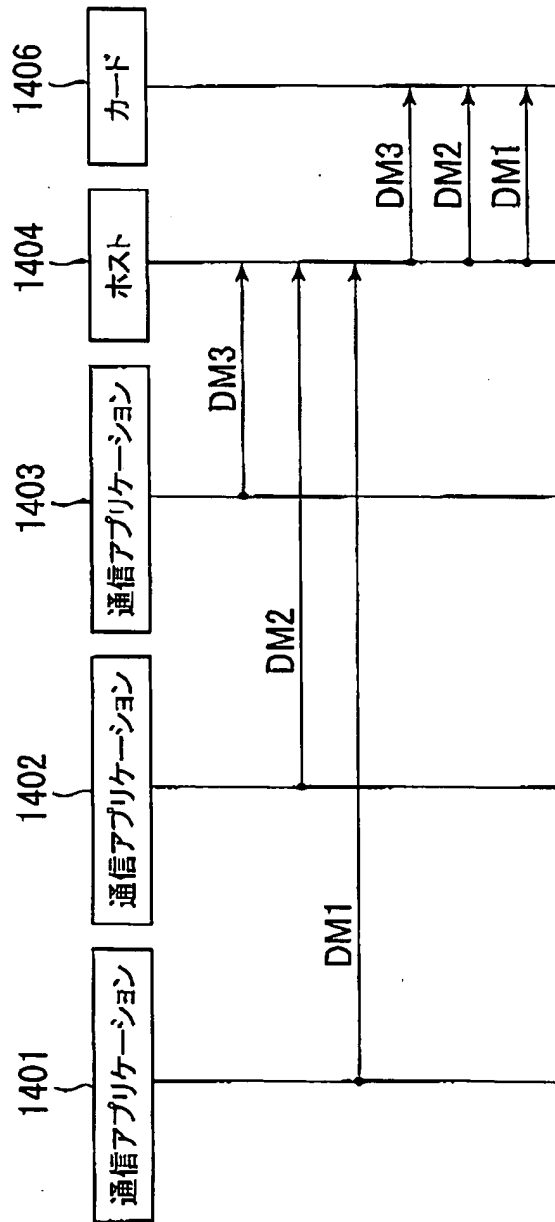
1403: COMMUNICATION APPLICATION

1404: HOST

1405: SD BUS

1406: CARD

Fig. 13



1401: COMMUNICATION APPLICATION

1402: COMMUNICATION APPLICATION

1403: COMMUNICATION APPLICATION

1404: HOST

1406: CARD